


Substitute for form 1449A/PTO				Complete if known				
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number				
				Filing Date				
				November 30, 2001				
				First Named Inventor				
				Scott E. Black				
				Group Art Unit				
				Examiner Name				
Sheet 1 of 1				Attorney Docket Number 38190/240126				
U. S. PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear		
FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Foreign Patent Document Office ³	Number ⁴	Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
NON PATENT LITERATURE DOCUMENTS								

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
HPZ	1	P. F. LICHTENWAINER, Neural Network-Based Control for the Fiber Placement Composite Manufacturing Process, Journal of Materials Engineering and Performance, October -1993, Pages 687-691, Volume 2(5)	

Examiner Signature		Date Considered	10/31/02
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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number.

² See attached Kinds of U.S. Patent Documents.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

⁶ Applicant is to place an "X" here if English language Translation is attached.

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(Revised 04/2003)

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

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PATENT & TRADEMARK OFFICE

Complete if Known

Application Number	09/998,478
Filing Date	November 30, 2001
First Named Inventor	Scott E. Black
Group Art Unit	1762
Examiner Name	To be assigned
Attorney Docket Number	038190/240126

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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
APC	1	US-5,177,340	01-05-1993	Zaffiro	
APC	2	US-5,447,586	09-05-1995	Tam	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Country Code - Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	English Language Translation Attached
APC	3	0 491 355 A1	06-24-1992	Hercules Incorporated		
APC	4	0 534 092 A1	07-29-1992	Hercules Incorporated		

Examiner Signature		Date Considered	10/31/03
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